

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
9 September 2005 (09.09.2005)

PCT

(10) International Publication Number  
**WO 2005/084009 A3**

(51) International Patent Classification:  
*H04N 5/268* (2006.01)

(21) International Application Number:  
PCT/EP2005/000893

(22) International Filing Date: 29 January 2005 (29.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
102004009265.6 26 February 2004 (26.02.2004) DE

(71) Applicant (for all designated States except US): **THOMSON LICENSING** [FR/FR]; 46 Quai A. le Gallo, F-92100 Boulogne-Billancourt (FR).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **PAULSEN, Arnd** [DE/DE]; Asternweg 8b, 64291 Darmstadt (DE).

(74) Agent: **ROSSMANITH, Manfred**; Deutsche Thomson-Brandt GmbH, European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (DE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

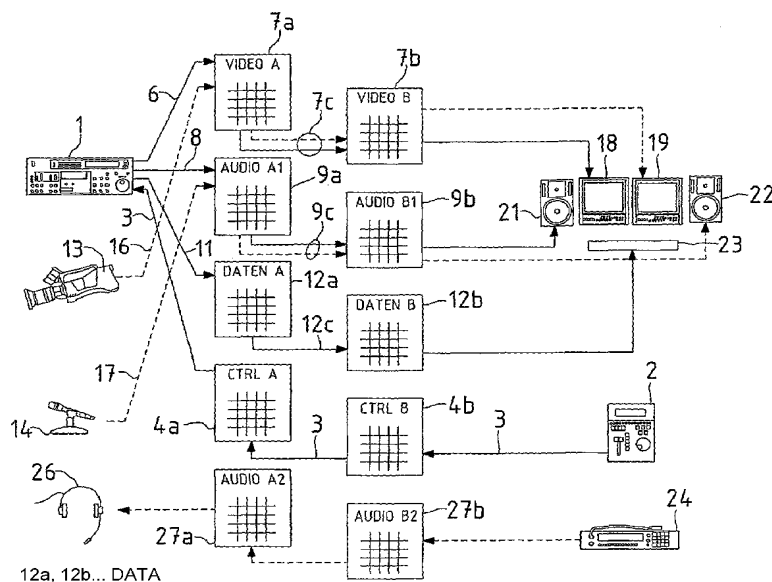
**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:  
9 February 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR PATH AND BUNDLE LOCKING IN A VIDEO PROCESSING DEVICE



(57) Abstract: A method is proposed for controlling a device for the distribution of audio, video, data and control signals with respect to path and bundle locking, as well as unlocking. The device has a number of inputs and outputs which can be connected by switching and cover signal paths. The method according to the invention comprises the following steps: signal paths are completely locked and unlocked by automatic locking and unlocking, respectively, of the switching processes involved. Signal paths are joined together to form signal bundles. All of the signal paths involved are automatically locked and unlocked during the locking and unlocking, respectively, of signal bundles.

WO 2005/084009 A3